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Office Memorandum • UNITED STATES GOVERNMENT

TO : Chief, Real Estate & Construction Division, LO DATE: 13 May 1955

FROM : Chief, Engineering Division, OC (PE 169)

SUBJECT: Project [REDACTED] Communications Facility

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REFERENCE: Memo from D/CO to D/L, dated 17 March 55, M 13424, OC-5051

25X1A

1. The attached drawing is forwarded to your office as a basis for the development of architectural plans for the [REDACTED] Communication Facility.

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2. This drawing has been derived from [REDACTED] Page 38, and the following changes should be noted:

a. The Stuffing Box Shed has been deleted at the Receiver Bldg.

b. The Exit Door from the Receiver Room has been deleted.

c. The Control Cable Vault in both buildings has been reduced to approximately 30 in. X 18 in. to accommodate a small stuffing tube area for cable access to the building.

d. A cable trench, approximately 6 in. width - 6 in. depth, has been added from the Receiver Room to the Machine Room.

e. The number of stuffing tubes on the Receiver Room wall has been reduced to six (6) each.

f. The stuffing tube area at the Transmitter Bldg. has been deleted and replaced by 6 in. feed through bowls, spaced 12 in. on centers, to accommodate 600 ohm open wire transmission lines. It is requested that the roof antenna supports be installed, in the event future communication requirements necessitate installation of "whip" type radiators or similar arrays.

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3. Total power requirements are unknown as the utility service load estimate is not available; however, it is requested that primary and emergency service be made available for approximately 10 KW on a 24-hour basis at each building. Maximum and minimum electronic loads may be estimated as the same. It is requested that both buildings be air conditioned under emergency power conditions.


4. The location of the Receiver Bldg. should be in the immediate area of the Administration Bldg., within walking distance, and access to approximately 1/2 half acre of clear unobstructed land for erection of receiving antennas should be provided. The Receiver Bldg. may be located up to 500 feet from the receiving antenna plot.

5. The Transmitter Bldg. should be located at least one (1) mile from the Receiver Bldg., preferably 2 to 3 miles, on one or more acres of cleared unobstructed land. The Transmitter Bldg. should be accessible by means of an adequately paved road and will probably be unattended during operation.

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Attachments (2)


Commo Facilities Building & Floor Plan

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